



Start-up & Shut Down Procedures:

Off-Highway Trucks

SAFETY.CAT.COM™

Operator/Inspector _____ Date _____ Time _____
 Serial Number _____ Machine Hours _____

Was procedure step completed properly?	✓	Evaluator Comments
For more information, please refer to the Operation and Maintenance Manual or any other applicable manuals and instructions for this product. If you have questions, please contact your local Caterpillar dealer.		

STARTING THE MACHINE

Perform walk around inspection		
Mount the machine using 3 points of contact		
Turn the battery disconnect switch to ON		
Inspect, adjust and fasten seat belt		
Inspect, adjust mirrors		
Move transmission control lever into neutral		
Engage the parking brake		
Make sure body is grounded		
Move the hoist lever into FLOAT		
Starting aid switch to AUTOMATIC		
Make sure all personnel are clear of machine		
Test supplemental steering		
Check backup alarm		
Turn the key start switch to START, crank engine and release when engine starts		
Perform start-up test on EMS or VIMS		

MACHINE WARM UP

Allow machine to warm-up for 5 minutes at low idle		
Perform secondary brake test		
Check gauges and action lights frequently		
Check hydraulic oil tank and transmission oil levels		

MOVING THE MACHINES

Make sure area is clear		
Manual retarder UP, ARC ON, Secondary brake UP		
Depress service brake pedal		
Release parking brake		
Move transmission control to desired direction and gear		
Release service brake pedal and press accelerator		

MACHINE SHUT DOWN

Park machine on smooth, level area		
Transmission selector lever to neutral		
Set the parking brake		
Move throttle control to LOW IDLE and run 5 minutes		
Turn key start switch to OFF and remove key		
Turn battery disconnect switch to OFF, remove key		
Dismount machine using 3-point contact		
Block wheels if parking for extended period		
Drain water from brake air reservoir, air start tank		
Conduct post-operation walk around inspection		

[HTTP://SAFETY.CAT.COM/CHECKLISTS](http://SAFETY.CAT.COM/CHECKLISTS)

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